

Quality and reliability is our tradition.



ISO 9001 EN 29001 BS 5750  
APPROVED BY BVQI

KYORITSU

**NEW**

# Earth Resistance Tester Series are small, lightweight and dust & drip-proof.

**Earth Tester  
MODEL 4102A**



**Digital Earth Tester  
MODEL 4105A**



- MODEL 4102A Soft Case Model
- MODEL 4102A-H Hard Case Model
- MODEL 4105A Soft Case Model
- MODEL 4105A-H Hard Case Model



MODEL 4102A-H  
(Hard Case Model)

Dust and drip proof. ( Designed to IEC60529 IP54 )  
 In addition to the facility for precision measurement, test leads for simplified two wire measuring system also supplied as standard accessories. ( unit can be hung from the neck for simplified measurement )  
 Designed to meet IEC61010-1, IEC61557 safety standard.  
 Capable of measuring earth voltage.  
 Automatic warning when resistance of auxiliary earth spikes is in excess of tolerance.  
 Small and lightweight. Shock resistant new case material and taut-band movement.  
 2mA measuring current permits earth resistance tests without tripping earth leakage current breakers in the circuit under test.

## KEW EARTH

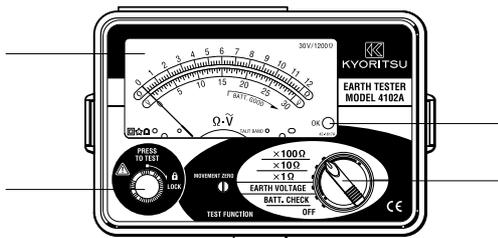
# MODEL 4102A·4105A

KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.

# INSTRUMENT LAYOUT

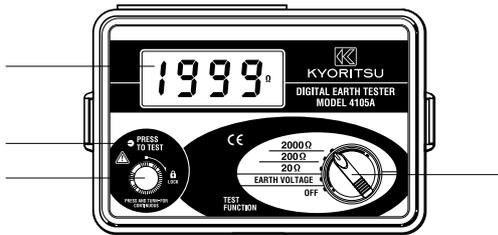
## Earth Tester

MODEL 4102A



## Digital Earth Tester

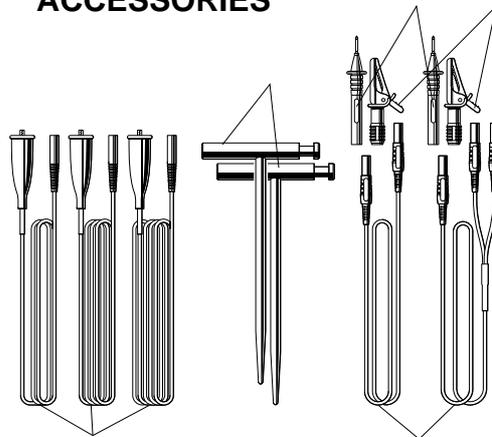
MODEL 4105A



Scale Board  
OK Lamp  
Press To Test Button  
Range Selector Switch  
LCD Display  
Indication LED With

Test Leads  
Auxiliary Earth Spikes  
Simplified Measurement Probe  
Safety Alligator Clip  
Test Bar

## ACCESSORIES



MODEL7095    MODEL8032    MODEL7127

## SPECIFICATIONS

	Model 4102A/4102A-H	Model 4105A/4105A-H			
Measurement Ranges	Earth Resistance:0-12 /0-120 /0-1200 Earth Voltage( 50,60Hz )0-30V AC	Earth Resistance:0-20 /0-200 /0-2000 Earth Voltage( 50,60Hz )0-200V AC			
Accuracy	Earth Resistance: ± 3% of full scale Earth Voltage: ± 3% of full scale	Earth Resistance: ± 2%rdg ± 0.1 ( 20 range ) ± 2%rdg ± 3dg( 200 /2000 range ) Earth Voltage: ± 1%rdg ± 4dgt			
Overload Protection	Earth Resistance:276V AC for 10 seconds across 2 of the 3 terminals Earth Voltage:276V AC for 1 minute	Earth Resistance:280V AC for 10 seconds across 2 of the 3 terminals Earth Voltage:300V AC for 1 minute			
Safety Standard	IEC61010-1 CAT. 300V Pollution Degree 2,IEC61557				
Applicable Standards	IEC60529 IP54				
Withstand Voltage	3700V AC for 1 minute				
Power Source	R6F( AA )( 1.5V ) × 6				
Dimensions	105( L ) × 58( W ) × 70( D )mm				
Weight	600g approx.	550g approx.			
Accessories	7095( Test Leads ) × 1set( red-20m,yellow-10m,green-5m ) 8032( Auxiliary earth spikes ) × 1set 7127( Simplified measurement probe ) × 1set R6F( AA ) × 6, Neck strap, Instruction Manual	<table border="1"> <tr> <td>Carrying Case</td> </tr> <tr> <td>Soft Case( 4012A,4105A )</td> </tr> <tr> <td>Hard Case( 4012A-H,4105A-H )</td> </tr> </table>	Carrying Case	Soft Case( 4012A,4105A )	Hard Case( 4012A-H,4105A-H )
Carrying Case					
Soft Case( 4012A,4105A )					
Hard Case( 4012A-H,4105A-H )					



## Safety Warnings

Please read the " Safety Warnings " in the instruction manual supplied with the instrument thoroughly and completely for correct use. Failure to follow the safety rules can cause fire, trouble, electrical shock, etc. Therefore, make sure to operate the instrument on a correct power supply and voltage rating marked on each instrument.

The contents of this catalogue may be subject to change without notice.

DISTRIBUTOR



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